

Table 14

| No. | R ¹ | (R ²) _n | (R ³) _m | R ⁴ | R ⁵ | R ⁷ |
|------|----------------|--------------------------------|--------------------------------|-----------------|----------------|----------------|
| 6-1 | Me | - | - | CF ₃ | H | H |
| 6-2 | Me | - | 4'-F | CF ₃ | H | H |
| 6-3 | Me | - | 4'-Cl | CF ₃ | H | H |
| 6-4 | Me | - | 4'-Me | CF ₃ | H | H |
| 6-5 | Me | - | 4'-CF ₃ | CF ₃ | H | H |
| 6-6 | OMe | - | - | CF ₃ | H | H |
| 6-7 | OMe | - | 4'-F | CF ₃ | H | H |
| 6-8 | OMe | - | 4'-Cl | CF ₃ | H | H |
| 6-9 | OMe | - | 4'-Me | CF ₃ | H | H |
| 6-10 | OMe | - | 4'-CF ₃ | CF ₃ | H | H |
| 6-11 | Cl | - | - | CF ₃ | H | H |
| 6-12 | Cl | - | 4'-F | CF ₃ | H | H |
| 6-13 | Cl | - | 4'-Cl | CF ₃ | H | H |
| 6-14 | Cl | - | 4'-Me | CF ₃ | H | H |
| 6-15 | Cl | - | 4'-CF ₃ | CF ₃ | H | H |

the formula as follows:

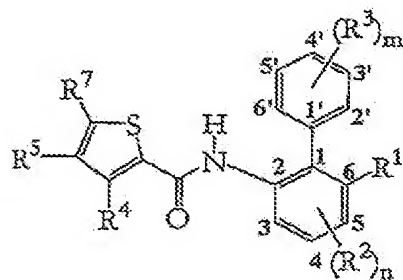


Table 15

| No. | R ¹ | (R ²) _n | (R ³) _m | R ⁴ | R ⁵ | R ⁷ |
|------|----------------|--------------------------------|--------------------------------|-----------------|----------------|----------------|
| 7-1 | Me | - | - | CF ₃ | H | H |
| 7-2 | Me | - | 4'-F | CF ₃ | H | H |
| 7-3 | Me | - | 4'-Cl | CF ₃ | H | H |
| 7-4 | Me | - | 4'-Me | CF ₃ | H | H |
| 7-5 | Me | - | 4'-CF ₃ | CF ₃ | H | H |
| 7-6 | OMe | - | - | CF ₃ | H | H |
| 7-7 | OMe | - | 4'-F | CF ₃ | H | H |
| 7-8 | OMe | - | 4'-Cl | CF ₃ | H | H |
| 7-9 | OMe | - | 4'-Me | CF ₃ | H | H |
| 7-10 | OMe | - | 4'-CF ₃ | CF ₃ | H | H |
| 7-11 | Cl | - | - | CF ₃ | H | H |
| 7-12 | Cl | - | 4'-F | CF ₃ | H | H |
| 7-13 | Cl | - | 4'-Cl | CF ₃ | H | H |
| 7-14 | Cl | - | 4'-Me | CF ₃ | H | H |
| 7-15 | Cl | - | 4'-CF ₃ | CF ₃ | H | H |

the formula as follows:

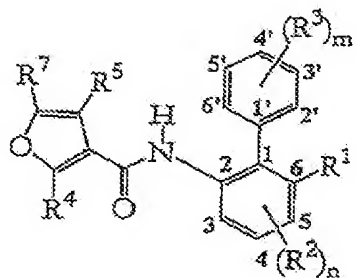


Table 16

| No. | R ¹ | (R ²) _n | (R ³) _m | R ⁴ | R ⁵ | R ⁷ |
|------|----------------|--------------------------------|--------------------------------|-----------------|----------------|----------------|
| 8-1 | Me | - | - | CF ₃ | H | H |
| 8-2 | Me | - | 4'-F | CF ₃ | H | H |
| 8-3 | Me | - | 4'-Cl | CF ₃ | H | H |
| 8-4 | Me | - | 4'-Me | CF ₃ | H | H |
| 8-5 | Me | - | 4'-CF ₃ | CF ₃ | H | H |
| 8-6 | OMe | - | - | CF ₃ | H | H |
| 8-7 | OMe | - | 4'-F | CF ₃ | H | H |
| 8-8 | OMe | - | 4'-Cl | CF ₃ | H | H |
| 8-9 | OMe | - | 4'-Me | CF ₃ | H | H |
| 8-10 | OMe | - | 4'-CF ₃ | CF ₃ | H | H |
| 8-11 | Cl | - | - | CF ₃ | H | H |
| 8-12 | Cl | - | 4'-F | CF ₃ | H | H |
| 8-13 | Cl | - | 4'-Cl | CF ₃ | H | H |
| 8-14 | Cl | - | 4'-Me | CF ₃ | H | H |
| 8-15 | Cl | - | 4'-CF ₃ | CF ₃ | H | H |

the formula as follows:

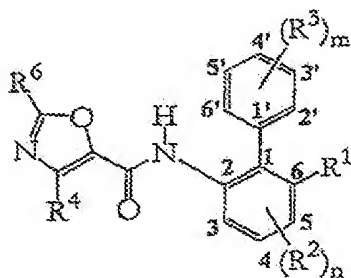


Table 17

| No. | R ¹ | (R ²) _n | (R ³) _m | R ⁴ |
|------|----------------|--------------------------------|--------------------------------|-----------------|
| 9-1 | Me | - | - | CF ₃ |
| 9-2 | Me | - | 4'-F | CF ₃ |
| 9-3 | Me | - | 4'-Cl | CF ₃ |
| 9-4 | Me | - | 4'-Me | CF ₃ |
| 9-5 | Me | - | 4'-CF ₃ | CF ₃ |
| 9-6 | OMe | - | - | CF ₃ |
| 9-7 | OMe | - | 4'-F | CF ₃ |
| 9-8 | OMe | - | 4'-Cl | CF ₃ |
| 9-9 | OMe | - | 4'-Me | CF ₃ |
| 9-10 | OMe | - | 4'-CF ₃ | CF ₃ |
| 9-11 | Cl | - | - | CF ₃ |
| 9-12 | Cl | - | 4'-F | CF ₃ |
| 9-13 | Cl | - | 4'-Cl | CF ₃ |
| 9-14 | Cl | - | 4'-Me | CF ₃ |
| 9-15 | Cl | - | 4'-CF ₃ | CF ₃ |

the formula as follows:

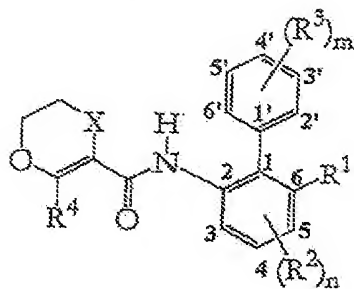


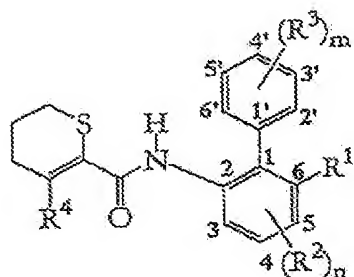
Table 18

| No. | R ¹ | (R ²) _n | (R ³) _m | R ⁴ | X |
|-------|----------------|--------------------------------|--------------------------------|----------------|-----------------|
| 10-1 | Me | - | - | Me | S |
| 10-2 | Me | - | 4'-F | Me | S |
| 10-3 | Me | - | 4'-Cl | Me | S |
| 10-4 | Me | - | 4'-Me | Me | S |
| 10-5 | Me | - | 4'-CF ₃ | Me | S |
| 10-6 | OMe | - | - | Me | S |
| 10-7 | OMe | - | 4'-F | Me | S |
| 10-8 | OMe | - | 4'-Cl | Me | S |
| 10-9 | OMe | - | 4'-Me | Me | S |
| 10-10 | OMe | - | 4'-CF ₃ | Me | S |
| 10-11 | Cl | - | - | Me | S |
| 10-12 | Cl | - | 4'-F | Me | S |
| 10-13 | Cl | - | 4'-Cl | Me | S |
| 10-14 | Cl | - | 4'-Me | Me | S |
| 10-15 | Cl | - | 4'-CF ₃ | Me | S |
| 10-16 | Me | - | - | Me | CH ₃ |
| 10-17 | Me | - | 4'-F | Me | CH ₃ |
| 10-18 | Me | - | 4'-Cl | Me | CH ₃ |
| 10-19 | Me | - | 4'-Me | Me | CH ₃ |
| 10-20 | Me | - | 4'-CF ₃ | Me | CH ₃ |
| 10-21 | OMe | - | - | Me | CH ₃ |
| 10-22 | OMe | - | 4'-F | Me | CH ₃ |
| 10-23 | OMe | - | 4'-Cl | Me | CH ₃ |
| 10-24 | OMe | - | 4'-Me | Me | CH ₃ |
| 10-25 | OMe | - | 4'-CF ₃ | Me | CH ₃ |

Table 19

| No. | R ¹ | (R ²) _n | (R ³) _m | R ⁴ | X |
|-------|----------------|--------------------------------|--------------------------------|----------------|-----------------|
| 10-26 | Cl | - | - | Me | CH ₂ |
| 10-27 | Cl | - | 4'-F | Me | CH ₂ |
| 10-28 | Cl | - | 4'-Cl | Me | CH ₂ |
| 10-29 | Cl | - | 4'-Me | Me | CH ₂ |
| 10-30 | Cl | - | 4'-CF ₃ | Me | CH ₂ |

the formula as follows:



the formula as follows:

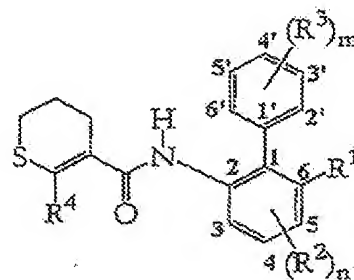


Table 20

| No. | R ¹ | (R ²) _n | (R ³) _m | R ⁴ |
|-------|----------------|--------------------------------|--------------------------------|----------------|
| 11-1 | Me | - | - | Me |
| 11-2 | Me | - | 4'-F | Me |
| 11-3 | Me | - | 4'-Cl | Me |
| 11-4 | Me | - | 4'-Me | Me |
| 11-5 | Me | - | 4'-CF ₃ | Me |
| 11-6 | OMe | - | - | Me |
| 11-7 | OMe | - | 4'-F | Me |
| 11-8 | OMe | - | 4'-Cl | Me |
| 11-9 | OMe | - | 4'-Me | Me |
| 11-10 | OMe | - | 4'-CF ₃ | Me |
| 11-11 | Cl | - | - | Me |
| 11-12 | Cl | - | 4'-F | Me |
| 11-13 | Cl | - | 4'-Cl | Me |
| 11-14 | Cl | - | 4'-Me | Me |
| 11-15 | Cl | - | 4'-CF ₃ | Me |

Table 21

| No. | R ¹ | (R ²) _n | (R ³) _m | R ⁴ |
|-------|----------------|--------------------------------|--------------------------------|----------------|
| 12-1 | Me | - | - | Me |
| 12-2 | Me | - | 4'-F | Me |
| 12-3 | Me | - | 4'-Cl | Me |
| 12-4 | Me | - | 4'-Me | Me |
| 12-5 | Me | - | 4'-CF ₃ | Me |
| 12-6 | OMe | - | - | Me |
| 12-7 | OMe | - | 4'-F | Me |
| 12-8 | OMe | - | 4'-Cl | Me |
| 12-9 | OMe | - | 4'-Me | Me |
| 12-10 | OMe | - | 4'-CF ₃ | Me |
| 12-11 | Cl | - | - | Me |
| 12-12 | Cl | - | 4'-F | Me |
| 12-13 | Cl | - | 4'-Cl | Me |
| 12-14 | Cl | - | 4'-Me | Me |
| 12-15 | Cl | - | 4'-CF ₃ | Me |

(Translator's comment: the paragraphs [0042] to [0049] correspond to the preparation examples and the working examples)